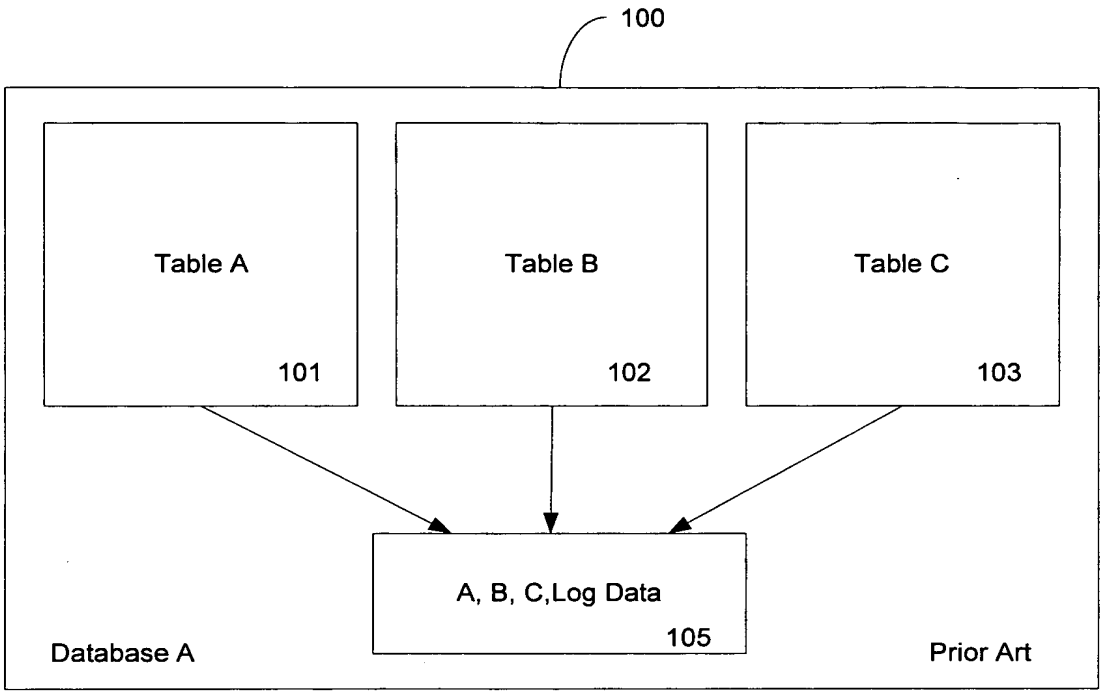
100
Table A
101
Table B
102
Table C
103
A, B, C,Log Data
105
Database A
Prior Art

Fig. 1

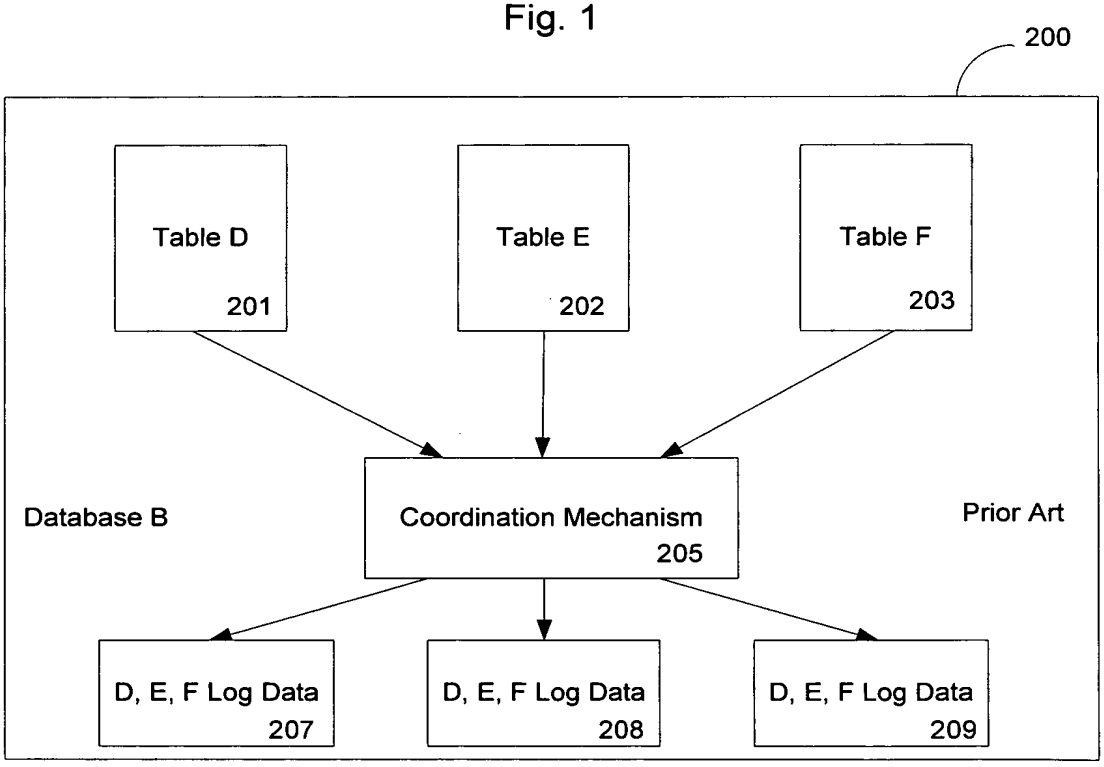
200
Table D
201
Table E
202
Table F
203
Database B
Coordination Mechanism
205
Prior Art
D, E, F Log Data
207
D, E, F Log Data
208
D, E, F Log Data
209

Fig. 2

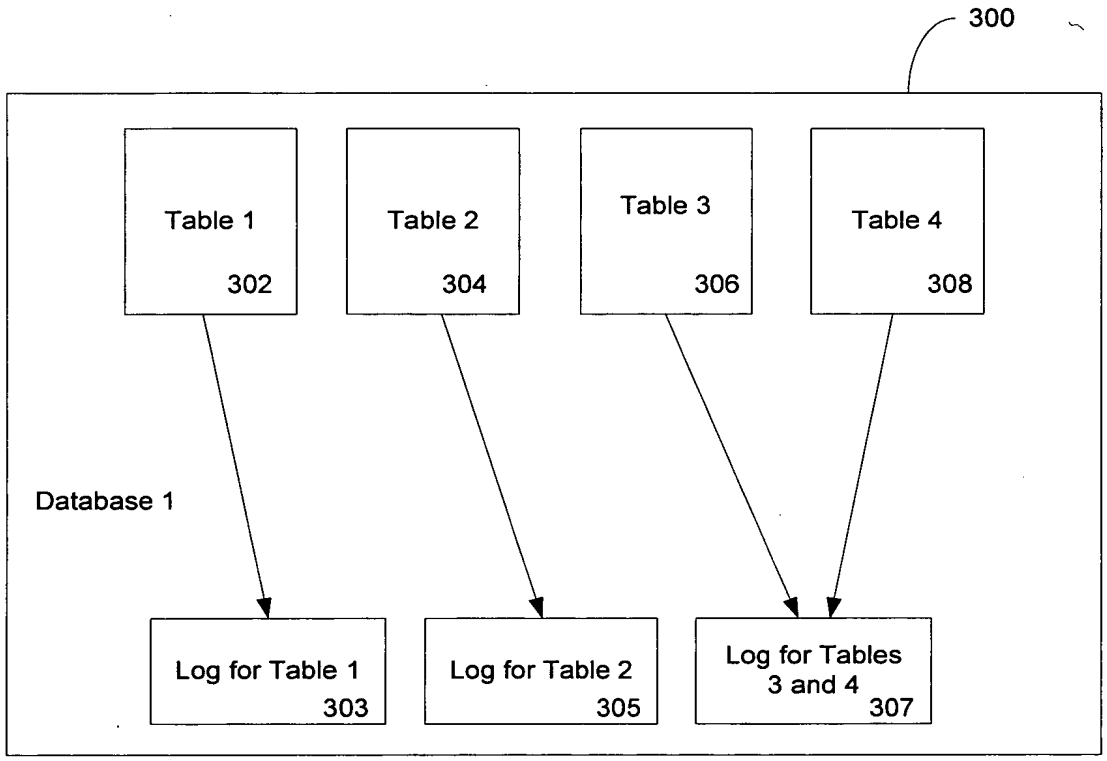
300
Table 1
302
Table 2
304
Table 3
306
Table 4
308
Database 1
Log for Table 1
303
Log for Table 2
305
Log for Tables
3 and 4
307

Fig. 3

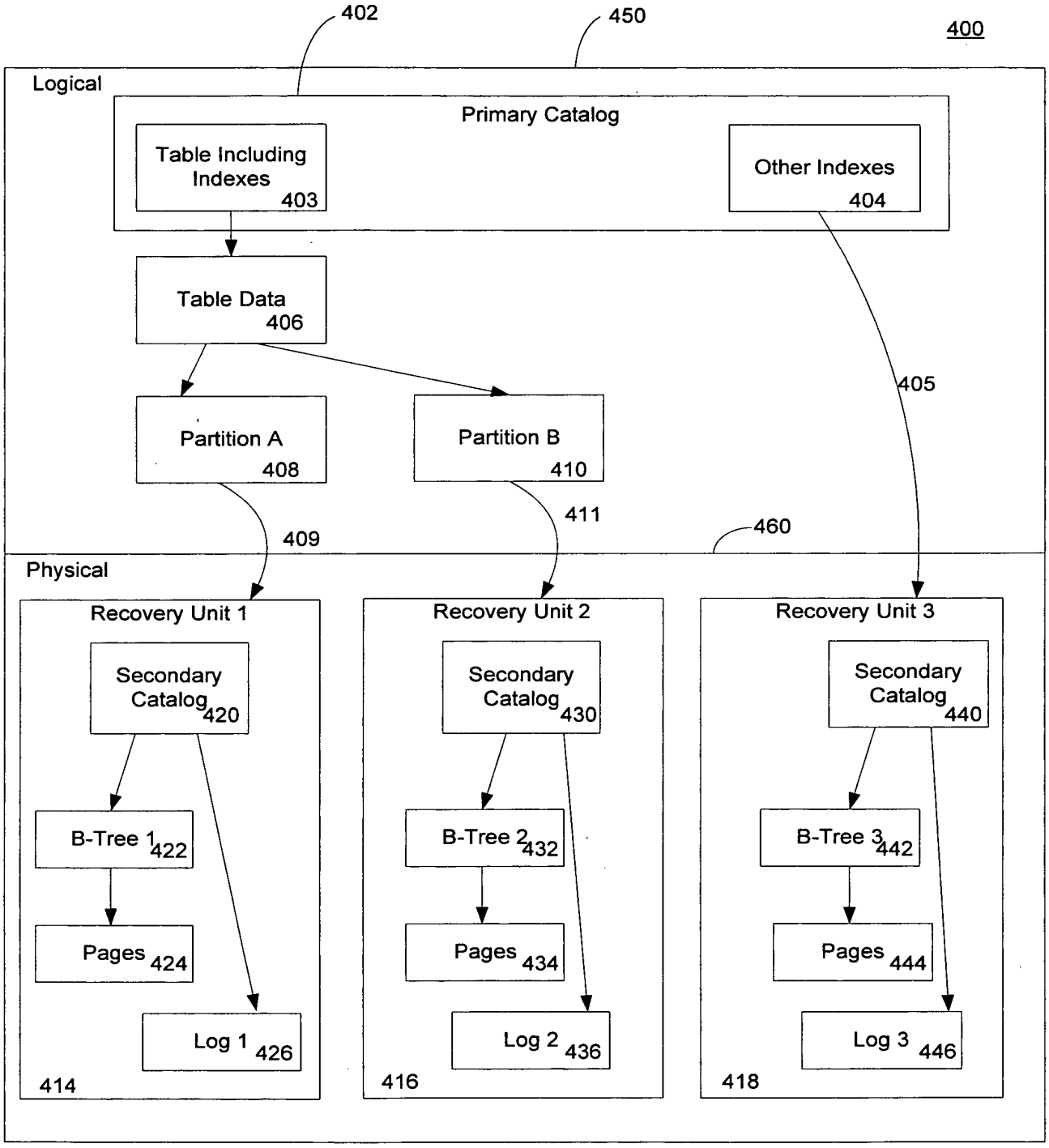
402
450
400
Logical
Primary Catalog
Table Including Indexes 403
Other Indexes 404
Table Data 406
405
Partition A 408
Partition B 410
411
409
460
Physical
Recovery Unit 1
Recovery Unit 2
Recovery Unit 3
Secondary Catalog 420
Secondary Catalog 430
Secondary Catalog 440
B-Tree 1 422
B-Tree 2 432
B-Tree 3 442
Pages 424
Pages 434
Pages 444
Log 1 426
Log 2 436
Log 3 446
414
416
418

Fig. 4

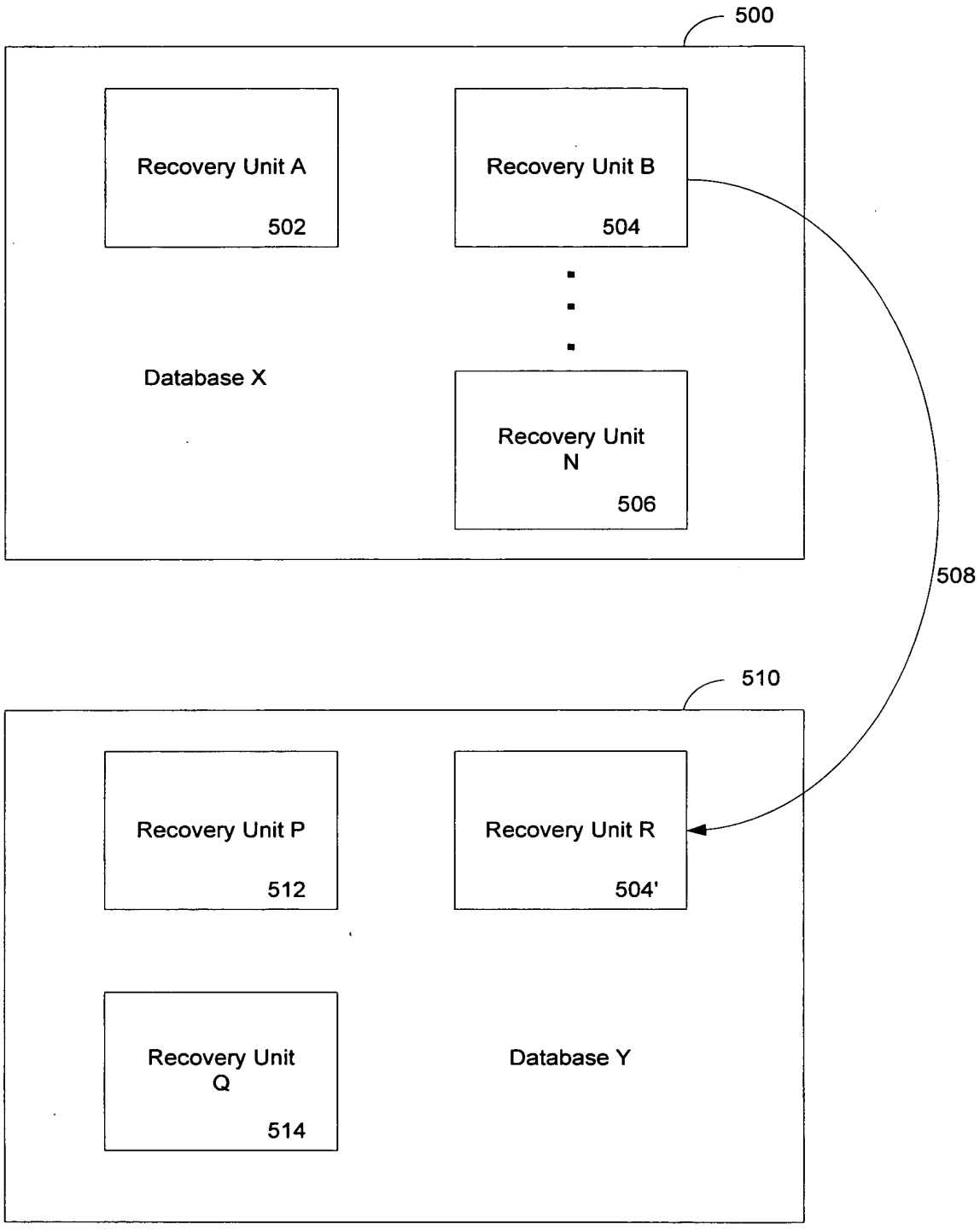
500
Recovery Unit A
502
Recovery Unit B
504
Database X
Recovery Unit N
506
508
510
Recovery Unit P
512
Recovery Unit R
504'
Recovery Unit Q
514
Database Y

Fig. 5

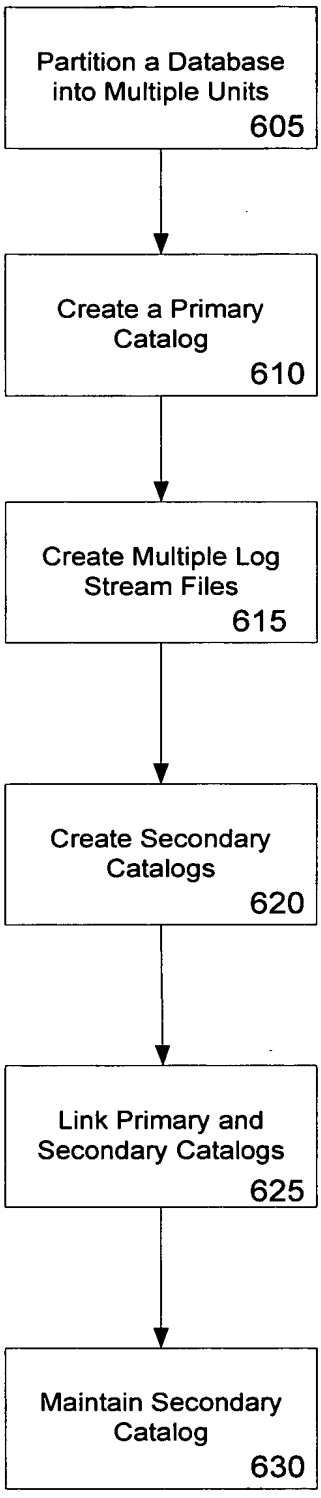
Partition a Database into Multiple Units
605
Create a Primary Catalog
610
Create Multiple Log Stream Files
615
Create Secondary Catalogs
620
Link Primary and Secondary Catalogs
625
Maintain Secondary Catalog
630

Fig. 6

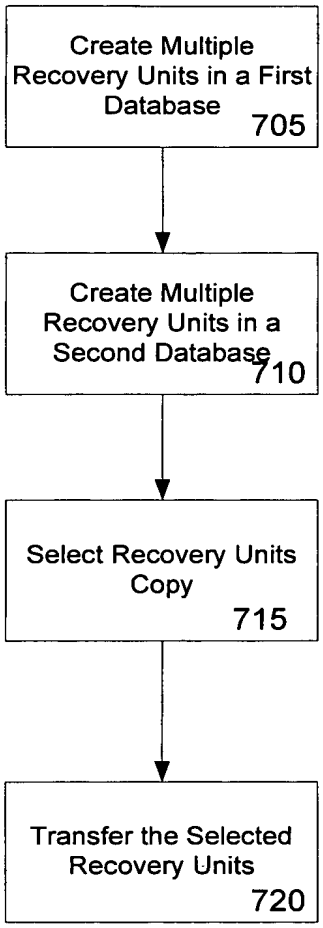
Create Multiple Recovery Units in a First Database
705
Create Multiple Recovery Units in a Second Database
710
Select Recovery Units Copy
715
Transfer the Selected Recovery Units
720

Fig. 7

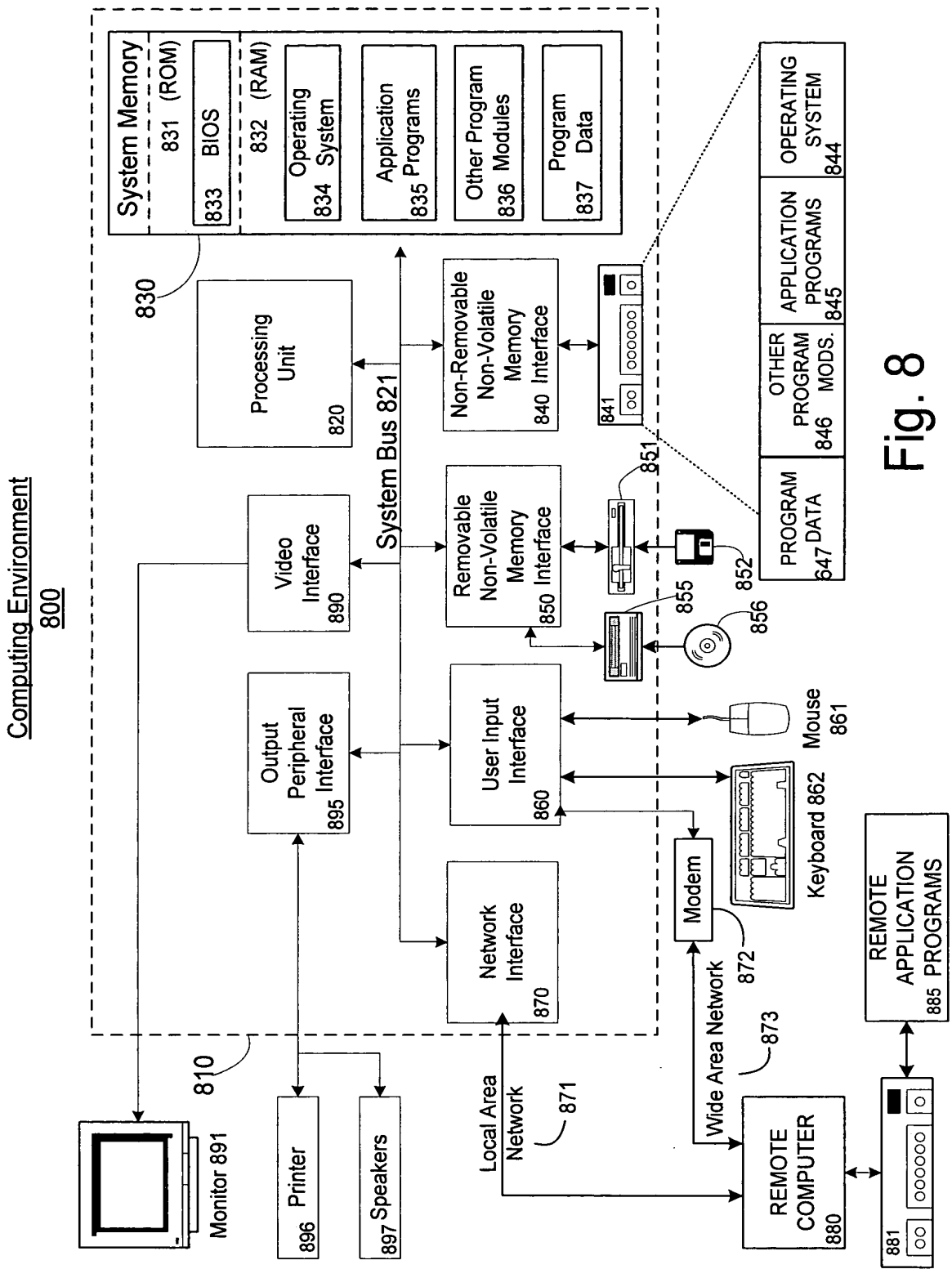
Computing Environment
800
System Memory
831 (ROM)
833 BIOS
832 (RAM)
Operating System 834
Application Programs 835
Other Program Modules 836
Program Data 837
830
Processing Unit 820
System Bus 821
Non-Removable Non-Volatile Memory Interface 840
Removable Non-Volatile Memory Interface 850
Video Interface 890
Output Peripheral Interface 895
User Input Interface 860
Network Interface 870
841
851
852
855
856
OPERATING SYSTEM 844
APPLICATION PROGRAMS 845
OTHER PROGRAM MODS. 846
PROGRAM DATA 647
Mouse 861
Keyboard 862
Modem 872
Wide Area Network 873
Local Area Network 871
REMOTE APPLICATION PROGRAMS 885
REMOTE COMPUTER 880
881
810
Monitor 891
Printer 896
Speakers 897

Fig. 8